

01/07/05 16:13 FAX 604 681 4081

OYEN WIGGS ET AL

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000720 7590 10/12/2004

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VANCOUVER, BC V6B 1G1
CANADA

01/10/2005 HRL122 00000121 021037 10614258

01 FC:2501 700.00 DA

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Amy Truscott (Depositor's name)
Amy Truscott (Signature)
7 January 2005 (Date)

10/614,258

FILING DATE
07/08/2003

FIRST NAMED INVENTOR

Bruno Walter

ATTORNEY DOCKET NO.

L305 0003

CONFIRMATION NO.

5971

TITLE OF INVENTION: ACOUSTIC FLOW PULSING APPARATUS AND METHOD FOR DRILL STRING

APPLN. TYPE	SMALL ENTITY	ISSUE FEE	PUBLICATION FEE	TOTAL FEE(S) DUE	DATE DUE
nonprovisional	YES	\$88X 700	\$300	\$98X 1000	01/12/2005
EXAMINER	ART UNIT	CLASS-SUBCLASS			
TSAY, FRANK	3672	175-067000			

1. Change of correspondence address or indication of "Fee Address" (37 CFR 1.563).

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2. For printing on the patent front page, list

(1) the names of up to 3 registered patent attorneys or agents OR, alternatively,

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1 Oyen Wiggs Green
2 & Mutala
3

3. ASSIGNEE NAME AND RESIDENCE DATA TO BE PRINTED ON THE PATENT (print or type)

PLEASE NOTE: Unless an assignee is identified below, no assignee data will appear on the patent. If an assignee is identified below, the document has been filed for recordation as set forth in 37 CFR 3.11. Completion of this form is NOT a substitute for filing an assignment.

(A) NAME OF ASSIGNEE

(B) RESIDENCE: (CITY and STATE OR COUNTRY)

Lewal Drilling Ltd.

St. Albert, Canada

Please check the appropriate assignee category or categories (will not be printed on the patent): ☐ Individual ☒ Corporation or other private group entity ☐ Government

4a. The following fee(s) are enclosed:

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5. Change in Entity Status (from status indicated above)

☐ a. Applicant claims SMALL ENTITY status. See 37 CFR 1.27.☐ b. Applicant is no longer claiming SMALL ENTITY status. See 37 CFR 1.27(e)(2).

The Director of the USPTO is requested to apply the Issue Fee and Publication Fee (if any) or to re-apply any previously paid issue fee to the application identified above. NOTE: The Issue Fee and Publication Fee (if required) will not be accepted from anyone other than the applicant, a registered attorney or agent, or the assignee or other party in interest as shown by the records of the United States Patent and Trademark Office.

Authorized Signature

Typed or printed name

Gavin N. Manning

Date 7 January 2005

Registration No. 36,412

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I hereby certify that this paper is being facsimile transmitted to the Patent and Trademark Office on 7 January 2005.

Amy Truscott

Amy Truscott- Assistant to Gavin N. Manning

7 January 2005

FAX TRANSMITTAL

This is page 1 of 4 pages

To: Mail Stop Issue Fee
Assistant Commissioner for Patents
P O Box 1450
Alexandria, VA, 22313-1450
By fax no. 703-746-4000

From: Gavin N. Manning

Re:
Title: ACOUSTIC FLOW PULSING APPARATUS AND METHOD FOR DRILL STRING

Inventor(s): WALTER, Bruno

Serial No.: 10/614258

Filed: 8 July 2003

Examiner: TSAY, Frank

Our File: L305 0003

Art Unit: 3672

ENCLOSURES

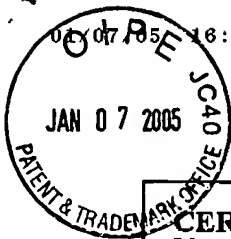
TRANSMITTAL LETTER
PTO FORM 85B (IN DUPLICATE)

1 PAGE
2 PAGES

Confirmation: ☐ follows by mail; ☐ follows by courier; ☒ will not follow

In the event of transmission problems, please telephone Amy Truscott at 604-669-3432 extension 9061.

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Amy Truscott - Assistant to Gavin N. Manning

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IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Mail Stop Issue Fee
Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

Dear Sir:

Transmitted herewith for filing in regard to the patent application of:

Title: ACOUSTIC FLOW PULSING APPARATUS AND METHOD FOR DRILL STRING
Inventor(s): WALTER, Bruno
Serial No.: 10/614258
Filed: 8 July 2003
Examiner: TSAY, Frank Art Unit: 3672
Date: 7 January 2005

Enclosed for filing in the above-referenced application are the following:

- (X) PTO Form 85B(in duplicate);
- (X) Issue Fee (\$700);
- (X) Publication Fee (\$300); and
- (X) Advance order of 3 copies (Fee \$9 (\$3/copy)).

The Applicant claims **SMALL ENTITY** status.

The Commissioner is hereby authorized to charge the indicated fees (\$1,009) to Deposit Account No. 02-1037.

The Commissioner is hereby authorized to charge payment of any fees associated with this communication or credit any overpayment, to Deposit Account No. 02-1037.

Respectfully submitted,
OYEN WIGGS GREEN & MUTALA

By:

Gavin N. Manning
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